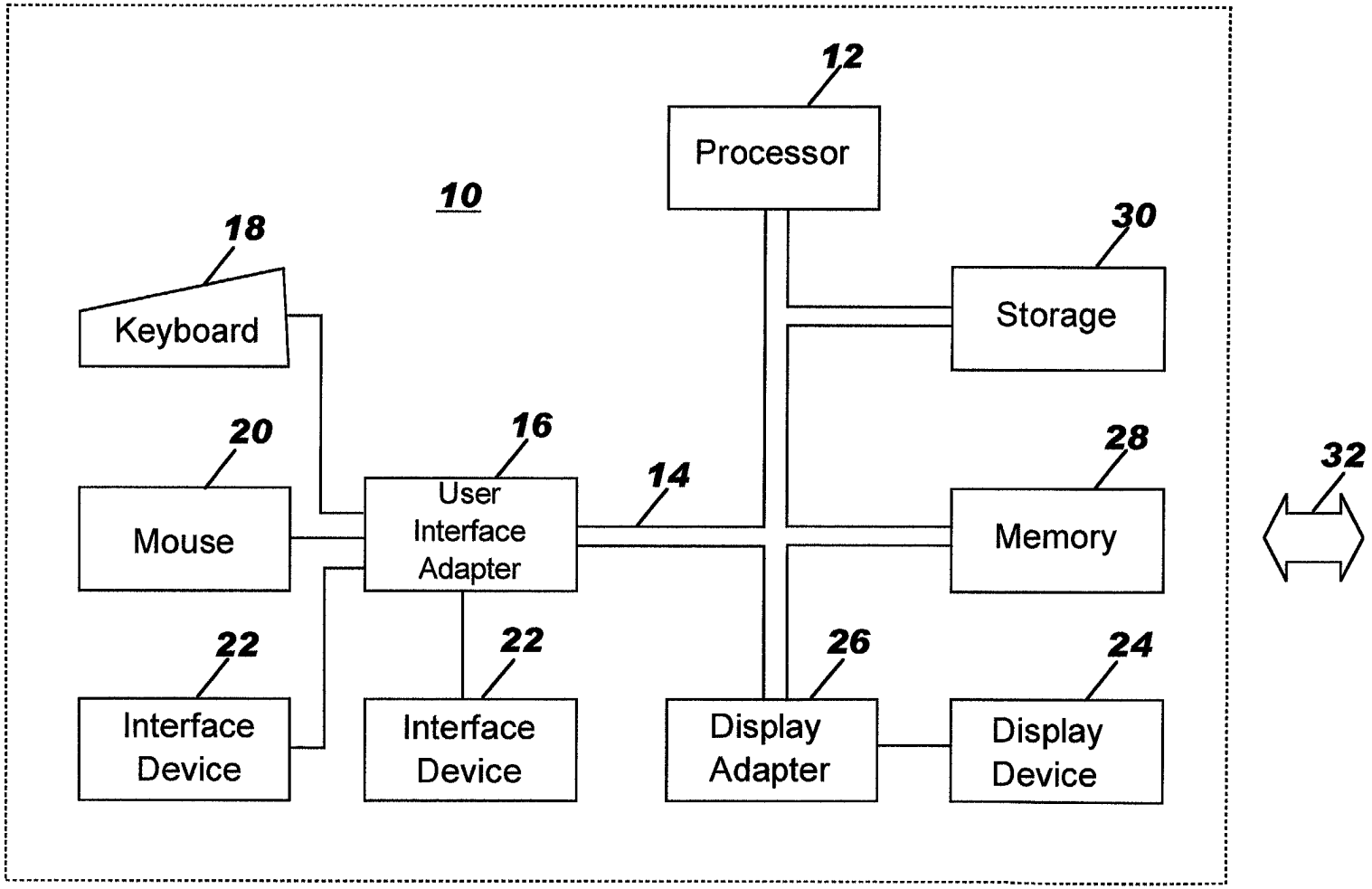
Patented Application

FIG. 1
(PRIOR ART)



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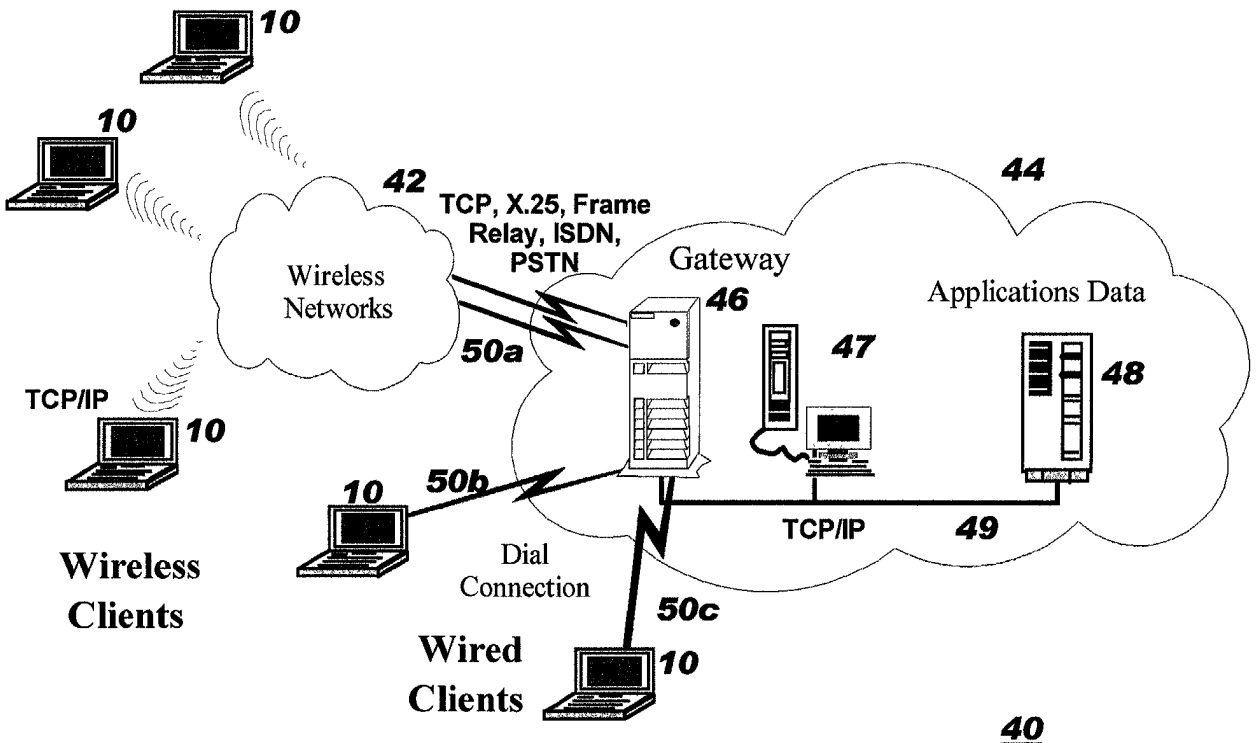
Best Available Copy

FIG. 2
(PRIOR ART)



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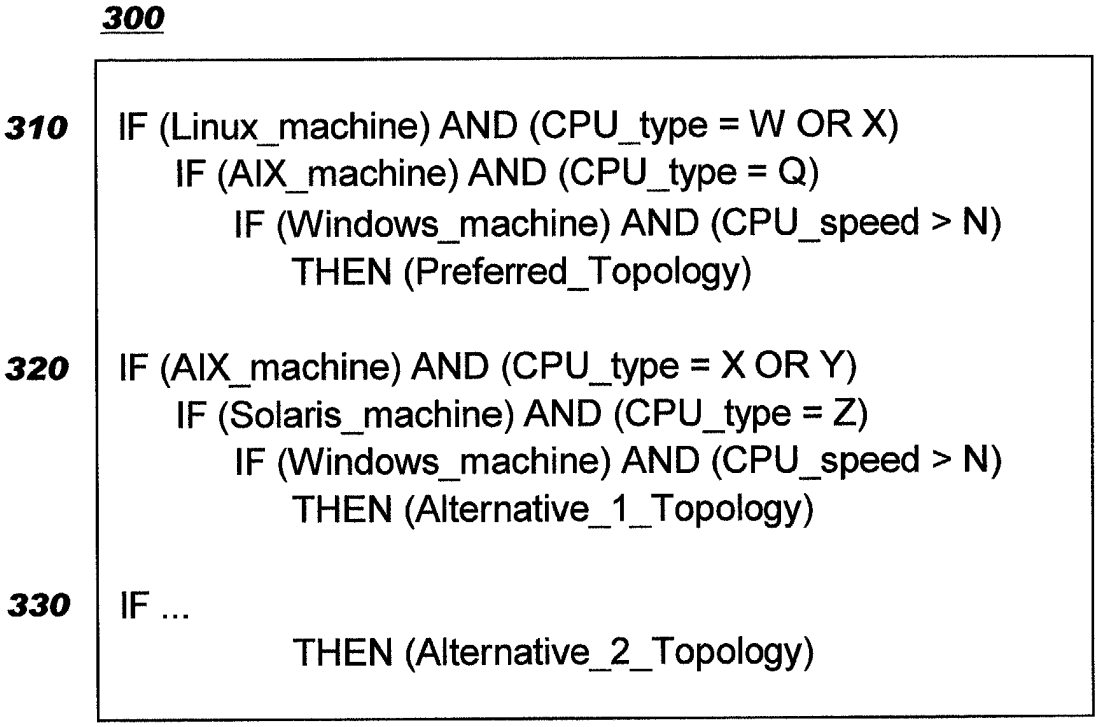
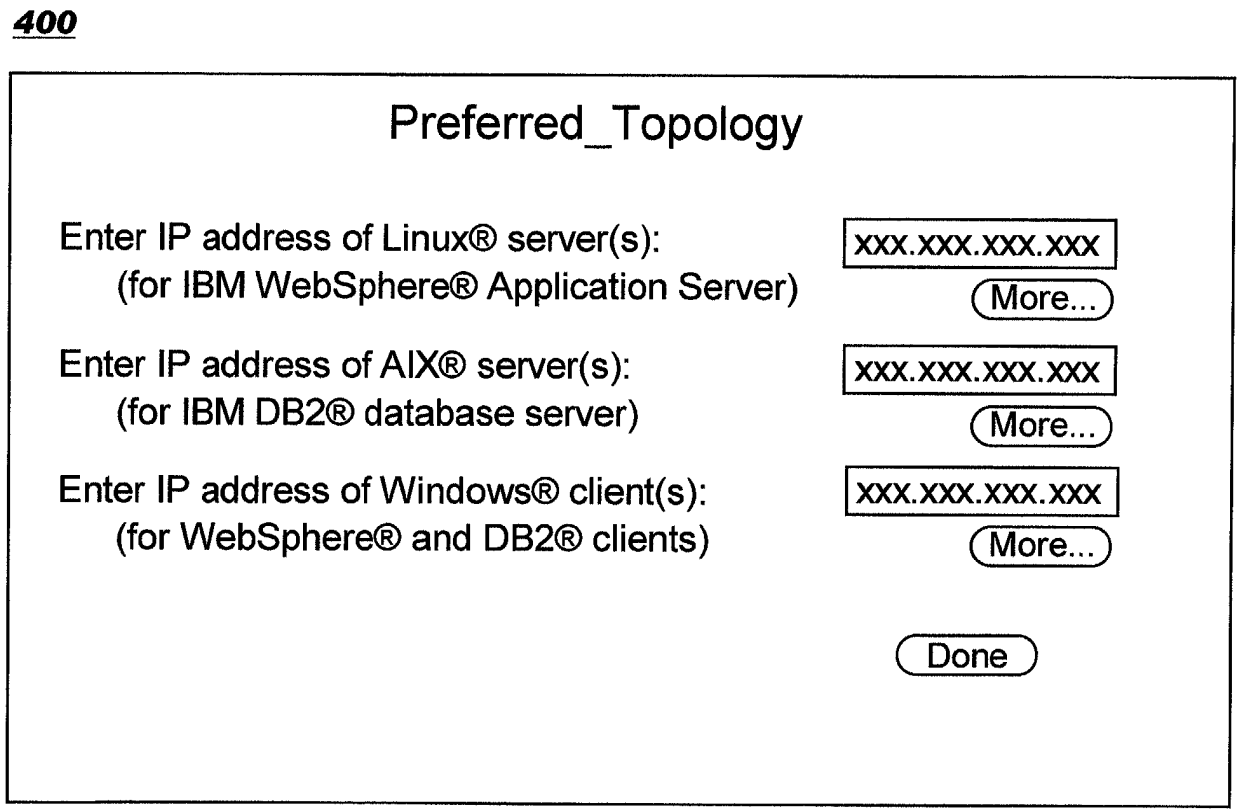
[redacted]

FIG. 3



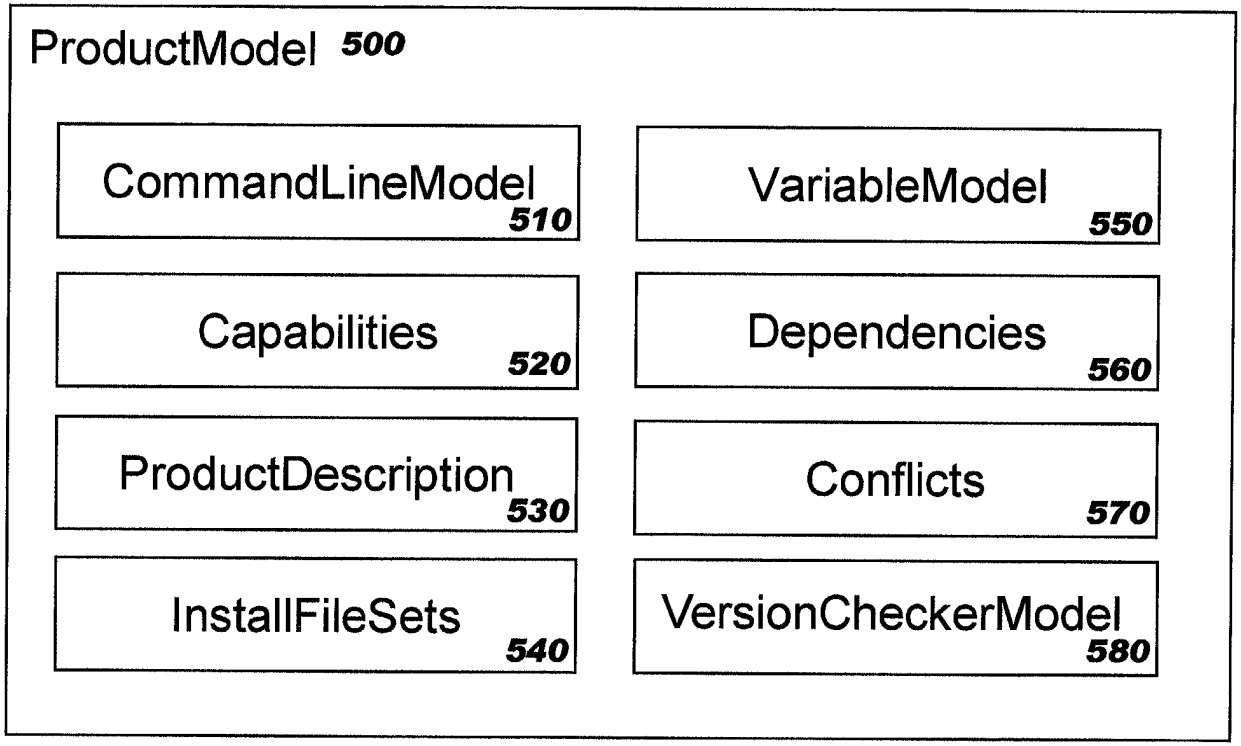
Protected Document

FIG. 4



Template Updated

FIG. 5



PATENT PENDING

FIG. 6

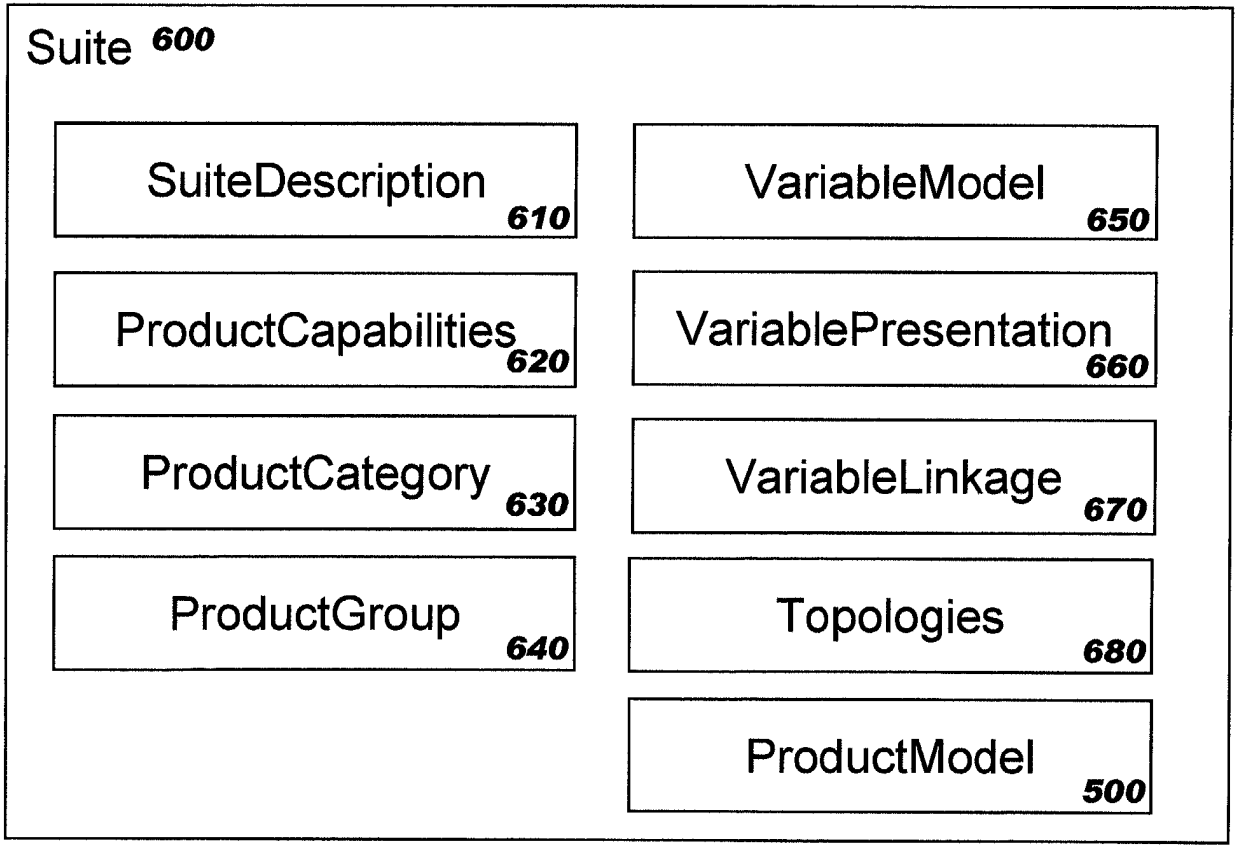


FIG. 7

```
{"product_vendor", "IBM"},
{"product_name", "DB2 Universal Database Run-Time Client"},
{"product_description", "<html>Provide the following information and click
<b>Finish</b> to proceed.<br>Click a  field name for additional information about the
 field.</html>"},
{"product_icon", "com/ibm/cbf/icons/db2.gif"},
{"files_DB2RTClient71Win_prompt_string", "Specify the location of the install image for this product
 (for example, the CD-ROM drive or mount point)"},
{"jar_name", "CBN_db2rtclientwin"},
```

FIG. 8

{"value_DB2_Runtime_Client_prod_path_keyword", "FILE"},
{"value_DB2_Runtime_Client_prod_path_section", " "},
{"var_DB2_Runtime_Client_prod_path_minimum_length", "3"},
{"var_DB2_Runtime_Client_prod_path_mnemonic", "D"},
{"var_DB2_Runtime_Client_prod_path_help_text", "The directory where you want to install
the application files."},
{"var_DB2_Runtime_Client_prod_path_label_text", "Destination Directory"},
{"value_DB2_Runtime_Client_prod_path", "C:\\SQLLIB"},

FIG. 9

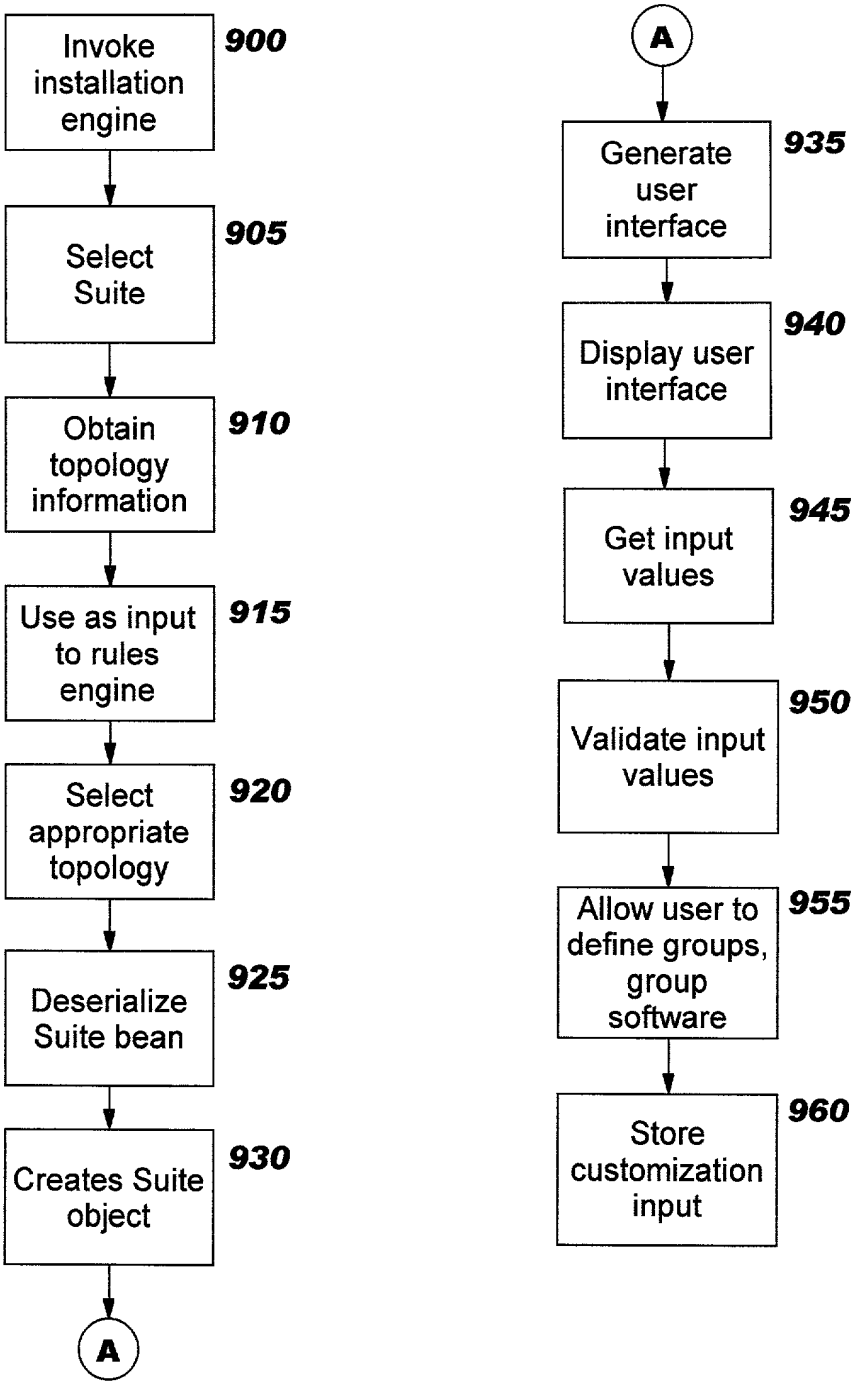

Invoke installation engine
900
Select Suite
905
Obtain topology information
910
Use as input to rules engine
915
Select appropriate topology
920
Deserialize Suite bean
925
Creates Suite object
930
A
A
Generate user interface
935
Display user interface
940
Get input values
945
Validate input values
950
Allow user to define groups, group software
955
Store customization input
960

FIG. 10

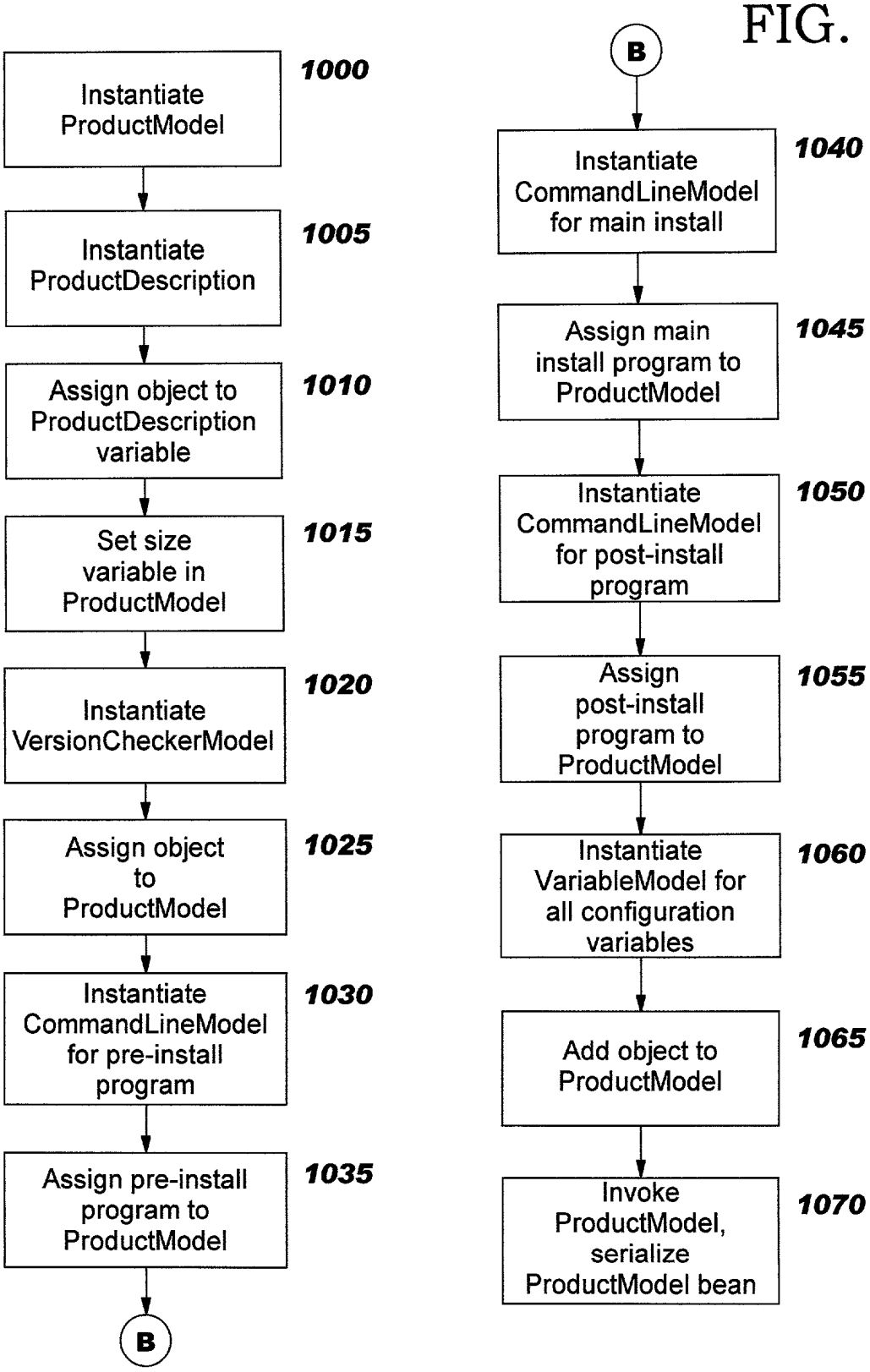

Instantiate ProductModel
1000
Instantiate ProductDescription
1005
Assign object to ProductDescription variable
1010
Set size variable in ProductModel
1015
Instantiate VersionCheckerModel
1020
Assign object to ProductModel
1025
Instantiate CommandLineModel for pre-install program
1030
Assign pre-install program to ProductModel
1035
B
B
Instantiate CommandLineModel for main install
1040
Assign main install program to ProductModel
1045
Instantiate CommandLineModel for post-install program
1050
Assign post-install program to ProductModel
1055
Instantiate VariableModel for all configuration variables
1060
Add object to ProductModel
1065
Invoke ProductModel, serialize ProductModel bean
1070

FIG. 11

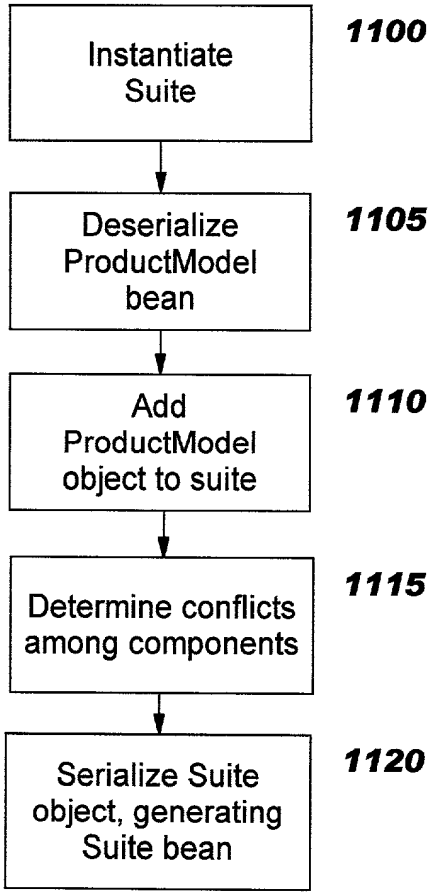

Instantiate Suite
1100
Deserialize ProductModel bean
1105
Add ProductModel object to suite
1110
Determine conflicts among components
1115
Serialize Suite object, generating Suite bean
1120

FIG. 12A

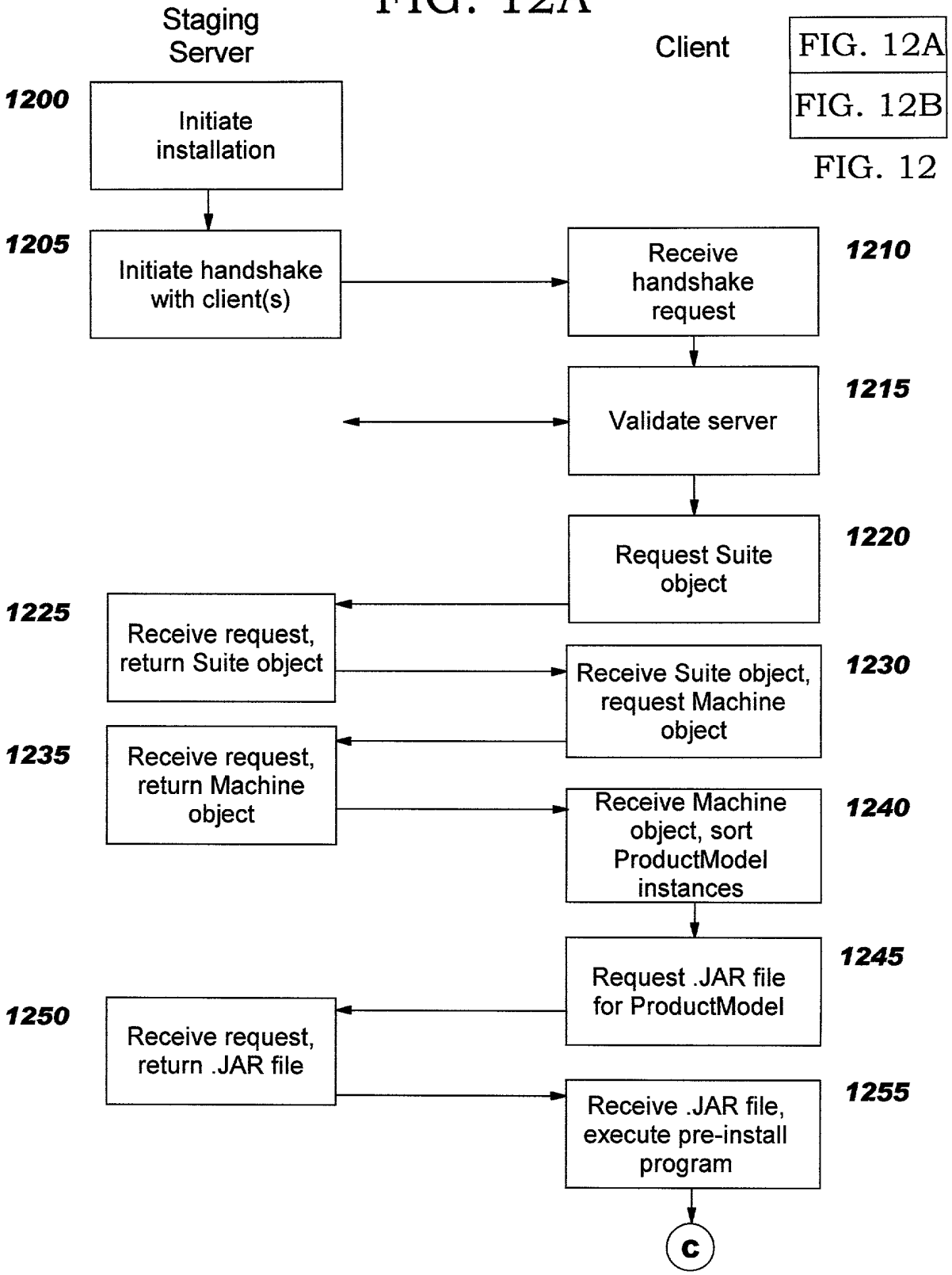
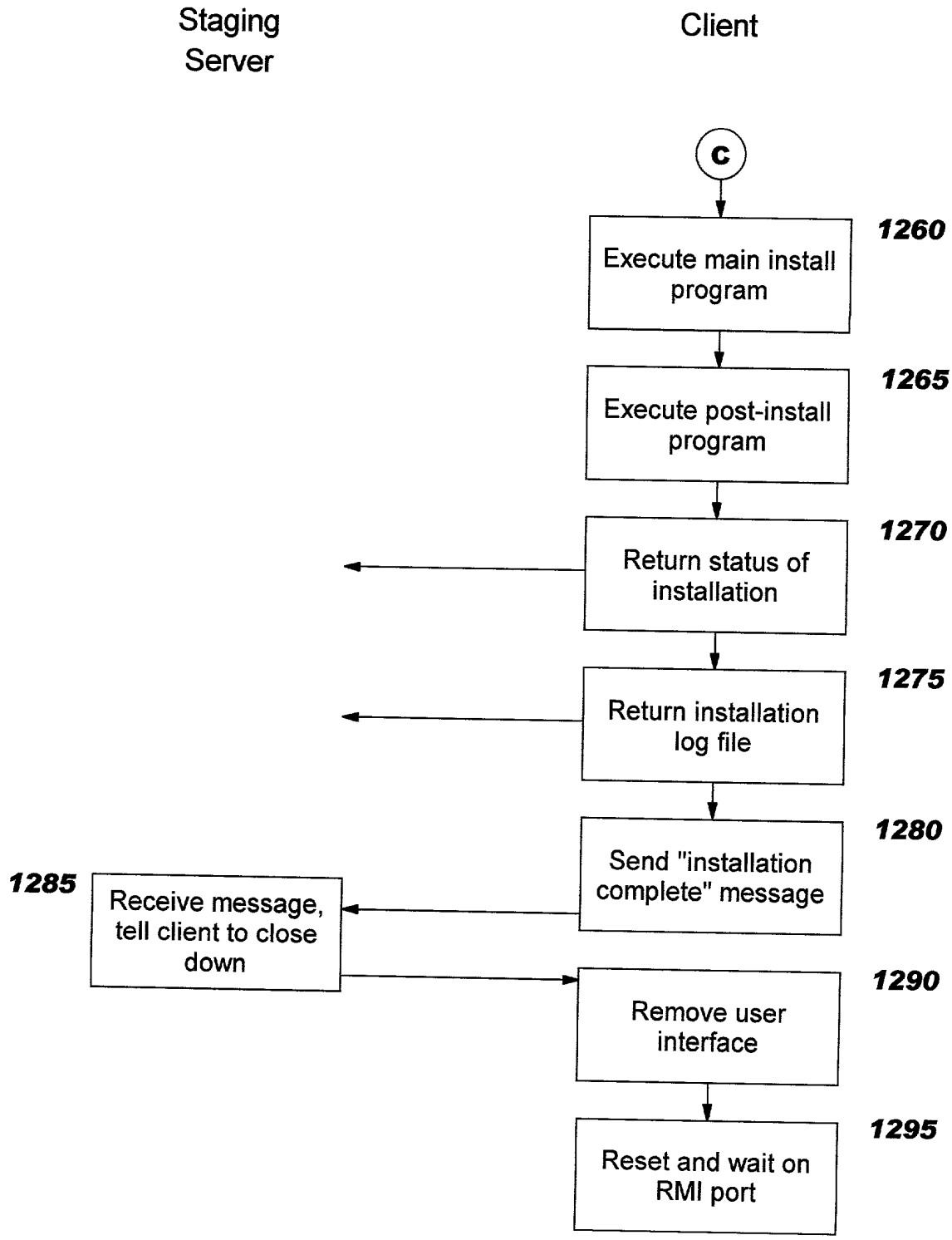


FIG. 12A
FIG. 12B

FIG. 12

FIG. 12B


Staging Server
Client
C
Execute main install program
1260
Execute post-install program
1265
Return status of installation
1270
Return installation log file
1275
Send "installation complete" message
1280
1285
Receive message, tell client to close down
Remove user interface
1290
Reset and wait on RMI port
1295